

Use Attainability Analysis

for

WBID 1506 Dove Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

Date Received: July 19, 2005

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WATER PROTECTION PROGRAM

**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet A - Water Body Identification**

|  |                         |
|--|-------------------------|
| Water Body Name (from USGS 7.5' quad): | Dove Creek              |
| 8-digit HUC:                           | 10290201                |
| Missouri WBID #:                       | 1506                    |
| County:                                | Wright                  |
| Upstream Legal Description:            | 15-30N-13W              |
| Downstream Legal Description:          | 17-30N-13W              |
| Upstream Coordinates:                  | 556682; 4128796         |
| Downstream Coordinates:                | 553974; 4128700         |
| Discharger Facility Name(s):           |                         |
| Discharger Permit Number(s):           |                         |
| Number of Sites Evaluated:             | / (No other access)     |
| Name of Surveyor and Telephone Number: | Duane Vick 417-766-5865 |
| Organization:                          | DNR-SWCP                |
| Position:                              | Soil Scientist          |

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Duane Vick Date: 6/27/05

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization (A separate data sheet must be completed for each site)

|  |   |        |
|--|---|--------|
| Missouri WBID #: 1506-1                | Site Location Description: Dove Creek         |        |
| Site GPS Coordinates: 556550, 4128720  | Hwy 38 Bridge                                 |        |
| Date & Time: 6/27/05 9:30 am           | Facility Name:                                |        |
| Personnel:                             | Permit Number:                                |        |
| Current Weather Conditions: Clear/Hezy | Weather Conditions for Past 7 days: Clear/Dry |        |
| Photo Ids: Upstream: 1506-1u           | Downstream: 1506-1d                           | Other: |

### Uses Observed\*:

|                                       |                                      |                                       |   |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming     | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting      | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) None

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other:        |   |

### Evidence of Human Use\*: None

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| <input type="checkbox"/> Roads       | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input type="checkbox"/> Other:      |  |  |   |  |

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID # 1506-1 :

**Stream Morphology:**

**Upstream View Physical Dimensions:**

|  |                       |   |  |                            |
|--|-----------------------|---|--|----------------------------|
| <input checked="" type="checkbox"/> Riffle | Width (ft): <u>15</u> | Length (ft): <u>30</u>  | Avg. Depth (ft): <u>3"</u>                       | Max. Depth (ft): <u>6"</u> |
| <input type="checkbox"/> Run               | Width (ft):           | Length (ft):  | Avg. Depth (ft):                                 | Max. Depth (ft):           |
| <input type="checkbox"/> Pool              | Width (ft):           | Length (ft):  | Avg. Depth (ft):                                 | Max. Depth (ft):           |
| <input checked="" type="checkbox"/> Flow   | Present?              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): <u>Trickle</u> |                            |

**Downstream View Physical Dimensions:**

|  |                       |  |  |                             |
|--|-----------------------|--|--|-----------------------------|
| <input type="checkbox"/> Riffle          | Width (ft):           | Length (ft):   | Avg. Depth (ft):                                 | Max. Depth (ft):            |
| <input type="checkbox"/> Run             | Width (ft):           | Length (ft):   | Avg. Depth (ft):                                 | Max. Depth (ft):            |
| <input checked="" type="checkbox"/> Pool | Width (ft): <u>20</u> | Length (ft): <u>100</u>                                  | Avg. Depth (ft): <u>1</u>                        | Max. Depth (ft): <u>1.5</u> |
| <input checked="" type="checkbox"/> Flow | Present?              | <input type="checkbox"/> Yes <input type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): <u>Trickle</u> |                             |

**Substrate\*:** (These values should add up to 100%.)

|                    |                    |        |                  |            |                     |
|--------------------|--------------------|--------|------------------|------------|---------------------|
| <u>30</u> % Cobble | <u>50</u> % Gravel | % Sand | <u>10</u> % Silt | % Mud/Clay | <u>10</u> % Bedrock |
|--------------------|--------------------|--------|------------------|------------|---------------------|

**Aquatic Vegetation\*:** (note amount of vegetation or algal growth at the assessment site)

|                                       |
|---------------------------------------|
| <u>Green moss on gravel in riffle</u> |
|---------------------------------------|

**Water Characteristics\*:** (Mark all that apply.)

|                  |   |                                 |  |  |                                 |
|------------------|---|---------------------------------|--|--|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical                  | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray                      | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input checked="" type="checkbox"/> Fine sediments | <input type="checkbox"/> None            | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam                      | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |

**Comments:** Please attach additional comments (including information from interviews) to this form.

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

**I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.**

Signed: Duane Zick Date: 6/27/05  
 Organization: DNR-SWOP Position: Soil Scientist

WBID 1506 – Downstream #1



WBID 1506 – Upstream #1



Dove Cr. (WB1506)  
Wright County, Missouri

